

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An molten aluminum-based alloy consisting essentially of about 0.25% to about 0.60% by weight of Si; about 0.15% to about 0.50% by weight of Fe; about 0.20% to about 0.70% by weight of Mn; less than about 0.05% Cu; and less than about 0.05% Mg, with the balance aluminum including unavoidable impurities.
2. (Original) The alloy of claim 1, wherein the alloy contains 0.10% by weight of Zn.
3. (Original) The alloy of claim 1, wherein the alloy contains 0.50-2.00% by weight of Zn.
4. (Original) The alloy of claim 1, wherein the alloy contains about 0.3-0.5% by weight of silicon.
5. (Original) The alloy of claim 1, wherein the alloy contains about 0.15-0.35% by weight of iron.
6. (Original) The alloy of claim 1, wherein the alloy contains about 0.30-0.60% by weight of manganese.
7. (Original) The alloy of claim 1, wherein the alloy contains about 0.40-0.80% by weight of manganese and iron.
8. (Original) The alloy of claim 1 in the form of a cold rolled sheet, wherein during cold rolling interanneal is carried out at a gauge such that the cold work after interanneal is between 30-70%.

9. (Previously presented) An aluminum foil made by continuously casting an aluminum alloy strip from a molten alloy having a composition in accordance with claim 1, and cold rolling the continuous cast aluminum strip to a final gauge of between about 0.002-0.008 inches.
10. (Original) A heat exchanger having fins comprising an alloy having a composition in accordance with claim 1.
11. (Original) A fin for a heat exchanger comprising an alloy having a composition in accordance with claim 1.

Claims 12-20. (Cancelled)

21. (Previously presented) An aluminum foil made by continuously casting an aluminum alloy strip from a molten alloy having a composition in accordance with claim 1, and cold rolling the continuous cast aluminum strip to a final gauge of between about 0.002-0.008 inches, wherein the cold rolling step is carried out at a gauge such that the cold work after cold rolling is between 30% to 70%.
22. (Previously presented) A heat exchanger having fins comprising an alloy made by continuously casting an aluminum alloy strip from a molten alloy having a composition in accordance with claim 1, and cold rolling the continuous cast aluminum strip to a final gauge of between about 0.002-0.008 inches, wherein the cold rolling step is carried out at a gauge such that the cold work after cold rolling is between 30% to 70%.
23. (Previously presented) A fin for a heat exchanger comprising an alloy made by continuously casting an aluminum alloy strip from a molten alloy

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having a composition in accordance with claim 1, and cold rolling the continuous cast aluminum strip to a final gauge of between about 0.002-0.008 inches, wherein the cold rolling step is carried out at a gauge such that the cold work after cold rolling is between 30% to 70%.